

Title (en)

DEVICE FOR DEGASSING THE CONDENSATE IN THE CIRCUIT OF AN ELECTRICITY POWER UNIT

Publication

**EP 0215230 B1 19890329 (DE)**

Application

**EP 86109757 A 19860716**

Priority

CH 409785 A 19850920

Abstract (en)

[origin: ES2002361A6] In a device for degassing the feed-water line in the cycle of, for example, a nuclear heated electricity generating plant, steam bubbles are introduced into the condensate beneath the water level in the condensate collecting vessel via spray nozzles in order to solve the acute steam generator corrosion problems. For this purpose, a flow channel, in which the condensate follows a particular path to the hot well is provided in the vessel. Several spray nozzles are provided spaced out in the flow direction of the condensate. The steam/gas mixture escaping from the condensate is guided in counterflow to a steam balance opening which is located in the intermediate floor in the entry region of the flow channel the intermediate floor screening the vessel from the condensation space of the condenser.

IPC 1-7

**F01K 9/02**; **F01K 21/06**; **F28B 9/10**; **B01D 19/00**

IPC 8 full level

**B01D 19/00** (2006.01); **F01K 9/02** (2006.01); **F22D 11/00** (2006.01); **F28B 9/10** (2006.01)

CPC (source: EP KR US)

**B01D 19/00** (2013.01 - KR); **B01D 19/001** (2013.01 - EP US); **F01K 9/02** (2013.01 - EP US); **F22D 11/006** (2013.01 - EP US); **F28B 9/10** (2013.01 - EP US)

Cited by

EP3739176A1; US4958679A; WO2020229001A1; EP0475212B1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0215230 A1 19870325**; **EP 0215230 B1 19890329**; CA 1277877 C 19901218; DE 3662612 D1 19890503; ES 2002361 A6 19880801; FI 863799 A0 19860919; FI 863799 A 19870321; FI 89678 B 19930730; FI 89678 C 19931110; IN 168650 B 19910511; KR 870002857 A 19870413; KR 910003109 B1 19910518; PL 154367 B1 19910830; PL 261040 A1 19870629; US 4776170 A 19881011; YU 147986 A 19880831; YU 46022 B 19921221; ZA 867137 B 19870527

DOCDB simple family (application)

**EP 86109757 A 19860716**; CA 517900 A 19860910; DE 3662612 T 19860716; ES 8602054 A 19860919; FI 863799 A 19860919; IN 724MA1986 A 19860909; KR 860007836 A 19860917; PL 26104086 A 19860814; US 90551186 A 19860910; YU 147986 A 19860825; ZA 867137 A 19860919